

Float seaplanes—see HULLS AND FLOATS.  
Flutter—see WINGS, TAIL, FIN AND RUDDER, AIRSCREW.  
Freight compartments—see CABIN.

## FUEL SYSTEM :—

Drainage for spilt fuel	.. .. .	Z.5	6
Filter	.. .. .	D.2	2
Fuel flow requirement	.. .. .	D.2	8
Fuel flow requirement	.. .. .	Z.5	5
Fuel for half-an-hour's flight required	.. .. .	D.2	1
Fuel gauges	.. .. .	D.2	6
Fuel gauges	.. .. .	Z.5	1
Fuel pumps	.. .. .	D.2	1, 5
Gravity and non-gravity systems	.. .. .	D.2	1
Tanks	.. .. .	D.2	7
Tanks	.. .. .	Z.5	3

## FUSELAGE, FRONT (see also ALL COMPONENTS, and CABIN) :—

## Stressing requirements

C.P. Forward	.. .. .	B.2	3
Duplicate wires	.. .. .	B.3	16
Engine mounting cases	.. .. .	B.3	4
Inverted flight, high negative incidence	.. .. .	B.2	11
Landing	.. .. .	B.2	8
Safety harness, loads from	.. .. .	E.3	4

## Other requirements

As for FUSELAGE, REAR, with following additions :—

Fireproof bulkhead	.. .. .	D.1	3
Fireproof bulkhead	.. .. .	G.1	1

## FUSELAGE, REAR (see also ALL COMPONENTS, and CABIN) :—

## Stressing requirements

C.P. Back	.. .. .	B.2	4
C.P. Forward	.. .. .	B.2	3
Duplicate wires	.. .. .	B.3	16
Fast glide	.. .. .	B.2	5
Inverted flight, high negative incidence	.. .. .	B.2	11
Landing	.. .. .	B.2	6-9
Loads from safety harness	.. .. .	E.3	4
Over-riding minimum tail load	.. .. .	B.3	9
Safety harness, loads from	.. .. .	E.3	4
Side load from fin and rudder	.. .. .	B.3	5, 6
Superstall	.. .. .	B.3	1
Terminal velocity dive	.. .. .	B.2	10
Unsymmetrical tail plane load	.. .. .	B.3	10, 11

## Other requirements

Aerials, see AERIALS.

Controls, locking	.. .. .	Z.3	12
Dural tubes thinner than 22 G.	.. .. .	B.5	18
Duplicate wires	.. .. .	B.3	16
Fabric and stringing	.. .. .	B.5	12
Fasteners for inspection doors	.. .. .	Z.3	17
Handling loads	.. .. .	B.5	17
Wiring lugs, design of	.. .. .	Z.3	4

Gliders—see TOWING.

Glued joints .. .. . B.5 23

Harness, safety—see CABIN.

## HULLS AND FLOATS (see also ALL COMPONENTS, and CABIN) :—

## Stressing requirements

Boat seaplanes, landing tail-up	.. .. .	B.6	1
Boat seaplanes, pressure over planing bottom	.. .. .	B.6	3
Boat seaplanes, two-wave landing	.. .. .	B.6	2
C.P. Back	.. .. .	B.2	4
C.P. Forward	.. .. .	B.2	3